



POWER OF ATTORNEY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Amin *et al.*

Confirmation Number: 2156

Serial No.: 09/839,636

Group Art Unit: 2826

Filed: April 20, 2001

Examiner: S.R. Wilson

For: QUANTUM BIT WITH A MULTI-TERMINAL JUNCTION AND LOOP WITH A PHASE SHIFT

Attorney Docket No.: 11090-035-999
(formerly, M-8915-2C US)

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

D-wave Systems, Inc. hereby revokes any and all previous powers and appoints:

Practitioners at Customer Number 20583 and Brett Alan Lovejoy, Reg. No. 42,813

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

The above mentioned Customer Number.

Practitioners at Customer Number 20583

Firm or Individual Name:

Address: Jones Day
222 East 41st Street
New York, New York 10017

Telephone: (212) 790-9090

Statement Under 37 C.F.R. 3.73(b)

D-Wave Systems Inc. states that it is:

the assignee of the entire right, title, and interest; or
 an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is %

in the patent application/patent identified above by virtue of either:

An assignment from the inventor(s) of the patent application/patent identified above. A copy of this assignment is attached. The assignment was recorded in the United States Patent and Trademark Office on _____ at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: To:

The document was recorded in the United States Patent and Trademark Office on
at Reel , Frame , or for which a copy thereof is attached.

- Additional documents in the chain of title are listed on a supplemental sheet.

- Copies of assignments or other documents in the chain of title are attached.

[Note: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

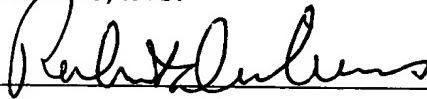
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

ASSIGNEE: D-WAVE SYSTEMS, INC.

Date:

JAN 15 2004

Signature:



Typed Name: Robert D. Wiens

Position/TITLE: Chief Financial Officer

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required.

- Total of _____ forms are submitted.



Exhibit B
OBLIGATIONS FOR ASSIGNMENT

Inventor	Obligation
Mohammad H.S. Amin	Employment agreement
Timothy Duty	Employment agreement
Alexander Omelyanchouk	Research agreement
Geordie Rose	Employment agreement
Alexandre Zagoskin	Employment agreement
Jeremy P. Hilton	Employment agreement
Alexandre Blais	Research agreement